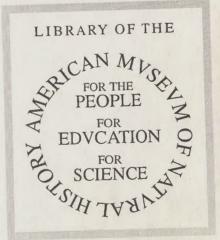
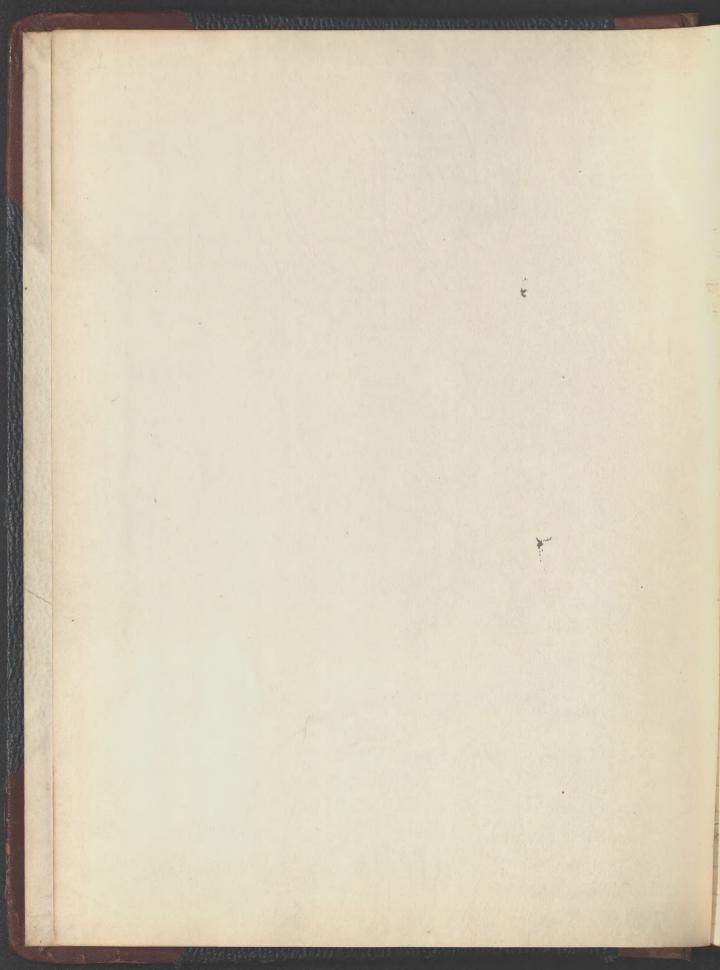
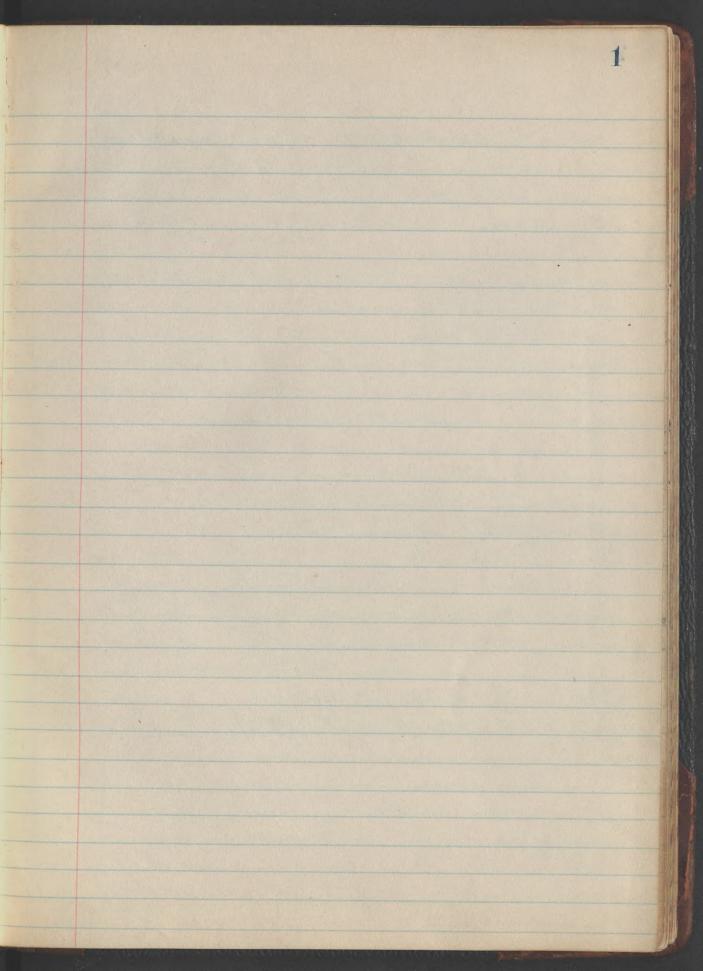


alasha. (i.e. June-Aug. 1908) Vancourer e reand 53. C. ne History. New York LIBRARY OF THE









and when we were some thirty mule at sea the enfant told me that we were then an the sage of the feeding grounds whose we could expect to see whose at any time Hard had the words engites mouth whe the transin the barre" at themas head mung out whose on the fort side We lorded to its left of them was a four miss just bestering in the went nearly balf a mile arrang - almost instability another cloud of unfour short up into the are, and then in a white of white water by whole south, Hundflack and The Explain hur be's all alone; ut wont pay to chase live." The steams beefor an along dank me did mit see the whale again although from The tening with the glasses in my hand I must receive on every more, Eve dentally the great amount has not found the stale sea-shrings on whe its feeds of which floor just importly surface of the water, & was on the rem"as the wheen gall is, loshing for new grounds. I wenty- mes more and no wholes in gight, and the west began to fresher, The lux

stamme robbil + fitched & trusted as The flengel into the great waves, her decks washed by the water wherein surestander at every plunge. Sea-rich ashel the captaini as he raw my face begint love colour and my hands grangs The rail of the lend go to strady myself - a little" carried, but the half had not heretold, for four one the men even those thong west to the sea who are not fur "under the weather" by their first day on their little rolund Textained, nothing whaters at was three oclock in the after again blit "whoen aboad". I wade my way formand along the putching auchs, climbed The steep labour to the bridge and stood of bende the captain, Then they are" he said pointing are the starbrard bou, land looking in the direction wherete I could just make out four ar fire apouts for in the dir. and a letter freather one and auster of our affection the fort side feelered by the "fluker" Ver tail of a lunge wheel. This whole

sported, & then went howen head forewast drawing the flukesout of voter, thowing there + half of la pelinde mito le an / Voz a sufficientation raid the Cap are as he swing the steamers how toward the feace where therebale bod deraffeard, o organish for full speed. The little versel flungel through the waves + was room durant infrarely long slick of smooth green water eighty the stere as it rough, Her we stopped waiting for the whole to blowlagain. Haireren ne men doonsel to desaffortivers, for no sight account of the animal was again setained. He's travelly for feel said the Captain't miselant him were received there feelows are doing" The arter whole, I will were themplocks could be seen forters at enterials an the starboard site, but were moving any; this was a bol sign fortis who ever a than foot was scarce, the annuals would be hard to affer a dy, and such nos texe one me found, for each Time when we reach a whate, aft

of Amufbacks the last are warley to him and we start about in read of more, I menty nices nere possely purty is seventy miers out to Laa, before we were rewarded by the seftragamether whole. This time and was ster clark and the seartout sul and seemed to be feeling. Hastily il followed the Captain from the teringe up to the harpour gun when with comero in bound, Il broad rupelf against a rope. The steamer was pitching furoundly and order she blumbed a hunge when to ferringe signitures all and could do. to heep his feet, clinging to the rife thirty one hauf of the ding the leve of my camera white they was the ather, I wated til the whale should reappear. Suchinery the Caplain said There he comes on the part low of larking in the direction cuficated I sow the water begin to smooth out wer a large green fatch about 100 youls array. almost hustantly the whale buint nut wie , sending his of our to the beginning of flitter ten an

fifteen fait eva les au, Eviludally le raw us far le man de una gair in a reconst without another blow andy to reaffeor a garin some yours astern, at each turn. be blew, the act was accompanied ty a love "surking south such admould be made by a ferson drawing the breath fortivery there' half-cloud lips. again lu Earne to the surface, The an The Stanboard side, and to the mire of his muge Aport somet like the muffeld Titie be slowed hurself never near enough for a shot or good faictures, and seemed to be suggy the game of tage he was played within, to the filelest excent. Twice be grouped Threwhimself clear out of the crater, showing every the tifes by the flushers, of alling to a ching while resourcing slap, like the reparty a guy, once his head of the throat back to the fine were though of and of the water but alroy by and the range of Either gun and carma, Onel however after he had been down

10 an immally long time, the policy per during the steams nose into just ten elfer fantisse + she where you right with our starrach bows He was down again as he veen, the crash of the harforn gun sounded, but a great ware hat thouse the stances low nit the an al just the wing time of the starform did not reach its mark. This was all borner for we did not see the whele again los remained ant all night as it was to for to run it soul that covering, but the rest day was rough and no hunding collect be done. Coal was needed to eve came back to Irdian, reading there aren't how och che in the of the one. Surroy Herriback Alsure number of times of sport - 2 - sport rangingfrom 1 to 4 -Hur from 10 to 15 feet high as near of could be jurged - of out always accompanie wine noise, such as would be made by a person suching in the busile forces Mani hay closed digs - sometimes

12 artist ent 8 to / sight Aunphaks July 8-08 Thubes usually drawn our of your ten when diving to many times but many of the whales & gaw bas The plubes white below - others black aline + below -Severatteines of now two wholes affarently slanding on their beals throwing the plubes from Sete to sike & lashing the water in fran - this was done severathing There whales was blowing continual eong when diving - The sports were arrally about 10 ar 15 feet high of the forest Due enforthe wholes reafferance of the surface, was the Ingert & highest - Service Turis I raw a whale short close to the nessel, + raw that the blowles wer distended greatly dung the operation -(so photo) of the Herming washeson of this solve recent to be in fair to a certain Extent

The solealer had come in late in the night and as she must take an eral lyfue starting it was godoch in the mom et uds a reautique day with a light westerley with blowing in from the soa just sufficient to ruffer the Topo y thewaves into white from as they rowerd & bushe. The mountain beautiful with the headinging every clothing of fish bembroh - war an down the sound, past the letternellage of Siwark huther at the entrance to the harris and were room rolling ande long awell of the afendance a heavy log was handed into clone to the elge of me land, but harf an home running yould are beyond the gray wall of mist, the blue water shelled away to the of shy live, I was on the bridge with the Captain when after an hours rule, the man in the Warrel should, whale on the starbroadside" Now many askip the Caplain - Four said the Jorhour, and duy are moving fast that was a had sign, but the versels nose non

points in then direction, and The Engral for full field whend would directly do awa color of spany short suprito the air, the auxility + anoluciel. The wholes were come and direction and room we see right among them, I stationed myself in the Now benide the harform gundarile camera un hand waited the reaffering of an which had gove down du the fart tide Coon I saw the long morail such Lygreen water which should that the colore was coming + # bufor I could swing my comera in that develing the huge arinal. bunt from the water sending a colored after flegh with the air He was sown again the a second, but the explans said "watch the starboard bow Ers be el come ref the ce think - Hard had the words dags his mouth who a charles ragney was new wite our very facts as the whale been right while the how. Suring my carried about it present the butter just hefae the crash of the harfore gen countil, and throng his fluct

high outs the air stu above went down draging the heavy ene boline it, il nanriter witant a shufflet was was beaut in the water then the live hong straight Hours from the hours - The haule had anflorded + the whale upon dead with harfly a fight for life, Then began the Sonte de de faire la ser surjoir when it afferme at the steamer side a diam was made faut to the peules If the whose here tout tout forement ulp de versels site. Turnen then with slong handled whale spades set a workto but the off en perhaps for an they giet littlail & are an aukund thingto handle they are release but Entothefactory. Fruit one flulusias revenly dun to solw and dryful The six the war as food for the should, alerdyten tilling ileus were at work with the bir tute y soon chie was long house & blake cany in the tile was jakled well do sen into the whose site the signal to turn on the among even, & the whole was slowly filled with air - a spear pointed shoft with a flag at the ras then prished intothe amundo side the defended go of the carrow retalings

The preheduct at the End of the days dunting. By this time the wholes had gotte tractile of where all around us - ou any sile efect of afout shot ento theate or The water has white will from the easting flutes - Once I row two mouster affareraly standing on their heads on the water, itming the rais from side to sile as if in flay, again a highellow rose on the part tide, no close most the beside the steamer that the gum could ust be timed hown, and blowing are very faces. a hunch if the wersel threw me of of my pet juit des le mas conne te tere surface, but recambling trung knees I snappet my camera juit beganche went down but ling him with the blanker til distander, Atho hie was away a short and & as the flear have swiling about he came up side will the how - Frofint yelled The captain, and at the with the words calme se crapling roan of du que; the whose throw his feules ligh in the are shahing them as then be would them of the stuge barhow, turned beal doublewarf of eart. The huge lives any there Ten rollers as fordon after fathour was to and with the most length rush

of the whale; we'll have to stophing and ou captair, år hier take act am sine-I hit him to far vach" The brake of the there haven & haven, and the live trafitered lite it seemed as the com the thanks would part, as its while was checked in this reule, The steamer despet forwart, & was Tours will truelidares spen them the nater. However the great strain doon began to teel on the duringilisy ilre whole, the starte and his ofeel faluret stoffed. Fuel feel on the wend" said the coftain of as the live reeled in the whole was how rendy toward the boats de nas blowing continually now, the spray of his spout tenged will red & not Then a great man of blood oning toom and his sport the Captain, we can land-line from the how"

25 Toplag head back to offerie western of fine clear shall be (not so dont as evenl) de sides og back jurt about fruit formald to a letter begand ege is an almost sold and og værg light blig grag fram ege Eye to can their tera is very namon triangular on back tuffer sides to a four offeret the penis there is much more light color than dark - it is butter by the darker blue gray in only a few places - from days color than the light - the light markings are heaviest on the effer side of the federale - from ans to placker the lainer edge af the federale t a little my up on the sides in pleased & dotted with fine left markings - navel to anus mid-verital line is clear gray unmarked - a white fatch at namel -Right rances of mandiale & chin bluegray- seles of tarket tacros to median live is slate which exercis backwards nearly to the reserving of the fine -This makes a raily warrow dark hand or color about the throng of the whole from furs boek, lower sides, breat Abelly are blue group - therax & break gente thickly marked with lagher gray lecks - from fing running deaganally

downward + backward is a thick line of white markings nearly to my verilial line - the white markings are myed withlight gray ans - penis each brownish gray at have - distally slate blue. Pectorals Below white with a eight group patch at insertion - above top & and adge of destal their are white - rest of fin alone Balen & bustles & trong of month leaf when black. enside harde rame hare refer half slatelaver bleech white - tangue blue slate. notice of feeles 16 deep + 36 with at top V Osterengy It Chevens (our) - 1st cheven is much & represented by only de right lamena this however is sould have - one segment the left. The 5 the chemon is have be higher + broadent destably of the series - 4 h -s almost as high as 5 th but much narrown distally - 15 persyrubs (7 8)5 215 Ca,29=66 (Sie) The terminal coular is the rige of a mint but 27-103 10-10 1-2020 28-58 11-1.05 2 - 905 30 -8 12 -595 3 - 423 13 -733 31 -32 4 - 528 18-915-33 -18 5 - 356 16-463 6 - 670(1) 34-148 18-319 7-1540 35^ - 330 20 - 74 41-190 8-110 21-17 42 - 42 9-19 23 -106 43 - 34

no 42 of Sperm July 18-08 Kyugust B.C. Color Top+ side of head, back + sides to flubes all dock characte - The upper lips for about 2 feet from volges up the sins of the head are white the white grades the into the dark of the bead gradually the grade windshier gradations being light cluber late. a few dang namm bluedate dashes - beling (monga) the dashes are so think that the while es Excluded Except in a purplacer - the white Extends back to a letter beyond the comergo the mouth following Each ram of the mandeble as they begin to seeme out ward from De symphypia - the dark of the thurst rusage up in a torrangle between the proximal endry the mondeble - from the the to the up of the mouth to the up of day suour interreperior median lane is a rather narrow, ingular band of white strecked with broken lines of to light choselete - these lines sometimes + backward on wither sent of the median darla directate like the south Exceptor novel- here time in a large wood per white potch; the patch sends arms outwork + backwork which surround The penus - the white of the arms grades off on the sedes + at the Ends unto gray that I Swout - The head is allong & regulary and - the edges round off gradually at the and of the Event propully the rite of the shoot awells are to the eye. On the cop, from the bare of the should to the smout the auction in very shifting correard - That is the base of the Shrell antisfortion - The smout in the center is 141 toute; it is 324 deep & the worldy the inflar forlion of the summer is 91 a little about the center of the Front has delp and depressione runbackword & downward - the while of the Smout between the ends of these defressions as 69 - The depressions mark the anser half og the spermaceti case, + became namme & sharlower as day go backthe very top of the succession is a law rounded enmenne, and the light side of which the blowhole - a cross - og ilre swant looks like ilvis moult forward there is an 69 with sides of the upper lips a marked -- 14111 thousverse depression or creat also le an & middle long. In the very cerein of the top of sum in a shallow depresses

hole formal almost to tip - " The dramater at ages which is the there dent point of the whole is 273 things The whole head is amouthty a little boch ag Eye on top o just to Eye on Esser. The broken indges running nearly farally and the languages of there ridges are directed and on the languages runn plur rott I mont promisely information the eye of an indusible and the languages are new promised to the belly the ridges are new promised in the languages are never a languages and never a languages are never and a running the running th mental median rige runs formand on ares to a fair nearly offend the insultan of the fectoral, when it is last. On the tip Edge of the Jedensele from de lungs to the flushes are many brown of cremelations, such as are found on the Herriftock andy more framework ingular. Then are two creases an either Ride a little believed the peine invention On lawn abge of Jedunde, from the posterior adge of iteranue a great rounded hundr rises aboutly. This bunch swells outeroug abuntity just behind arms; it is bounded on Enter Ends by a leep depression; the burner as higher a

lette way behind the arms t, because las near In flutes - il losby whitley (said min) a cross redin There are 7 weel market creases an the threat or betom the rain of the man-hapimally there eres and wanging defich + extendeng wel much many marked than others; they all run faret oft; they care an ana 135-lang any four of there was are 3 and, deep - restall shellow therefor The hungers are every rounded Eminence 24 high; it looks like this; Blowhole maseus (straight) 36 " · (curred) 57 The blowhole is curred like this Calt is on the left side of the tip of smout; its center as & 6 above the center of the langitutual depression marking the case, Out the site of the blushole reserthe law sounded enumerical marking the settleme summit of the smout Filmbler On side of head blubber to very thin - only & thick - between the pectorale it is 22 reich-on side af due pedende et ez 14 theid Blubber is why hard & toughts - I was hard to placese the whole -

Case" The langetudend sepression an eiden side og the reflecting by the snowing works the authority fortail of the spennacete' case. The case occupies the whole uffer study of the bead, + Extends from the tip of the snew back to back nearly to a point offasite the eye - the care narrows gradually from back to from tis cuttily covered by sureus about There sement ofes are married layers methods of afering the care was he sluf og de somew-rofes medel nearly the bottom layer had been rached. Then a trough was land having and and at duple at v the arter in this tack. The biod sul was The case was then Jelugged by a whale-knups + the one started to remark - The ofermacete was their enough to run freely the case contained all their ti july-like masses in with the free ail - there maries were fobeland with the knife. When all the ail had run and while could be gatten from the one miceson the cost who made larger & the ail & july-like masses, run & houled out from the remarcher of the case

The july-like morres even all them the whell case in with the ord, herr could be taken and in great lungs will the sponnaceti. The following meas uninto y the case who taken after it had been aferred, as I could determine exactly the whole extent. The exermenti fungity of case cavily = 5.80 congeals when Defite (up & down) " : 1451 cool are dute it of looks then like paragene - only rest so hand - Fifteenbands og pure spermeeti me taken fram aus the case alone - the spermanely yelded framille whee head to was 40 hands fulleding that in care & all that was taken from the fatou the head The whole whole equilded 90 bands of all meluding hat to taken flow they have, weat, blubber & spermaceti. The care framabine looks like

The spinning feels off very Easily?

It is in several layers. The dorming of a can be stripped off with letter trouble but is reft they soully fuely apart.

Flutes Que este of du flutes when end of + set uf en issan looks like ili- it and is really an acute triangle. The and-Erion Edge is almed straight Except guid I'm in pour aquiente is where it is slightly course, as to extreme tips X. Frag the run of ones sple. X the time adject form a blunitip. The posterior Edge is very slightly & everly the past. Edge is & mie, their it is about the sarry thickness far is whole extent. The notile is deep of the fact. Edges cure unal abrubily to form it. the adges averlage -privile is 42 cent. seeps . The When paid of the flutes is 41 from the and Elge - is is 28 think here. The cross section (while is man de mertin) is 138 in aut fast. drameter, 70 cens, from out, cope fluk is 20 thick - The greatest langet and: facts of the fluber 161-The flutes alme t below are don't chocked like back. iting are two small grayerly father rear the enseiter on the inferior surface. Pettorals along & belanlike back - dark - chirclete Right - Tip to head y humens = 148

The series Vertelina (y D,0 Lg Ca 25:49 Suns I do not count the selection bearing the rudementary reliantly left site as a dornal. Passibly 24 candalo might be counted for the last werbling is comfored of certainly two t jossibly this anhyloud bodies - is a tranof two hours very anticity. I any of the opening that the extrem and previous about the sign of a harpluis a referativelywa, such as is often found in uter hales, hur have un counted in as ruch. The End y the last vertitua is 10 cery from the bottom of notchog feeles. Rectoral I discoted this perfer very compully Fift is the sale last pholony extend clean nutacorpels = 4. The metacarfol of the last (4th) digit is forbel proximally the autule Josh being compared of two The pinjams process from the disk

The carpus is an orling bone some

The superscapelar edge is reregular

convey - at the war border, and -The acromin is long & Expansed distably the acromin to long & Expansed distably the conserved is long nather Heider = 810 mil.
Bredste = 690. " glevoil forse: 200 " Length acromion = 340" Breaket " kertally: 260 Length coround = 220 Briedth distally = 85-MTPile Fruite is heavy & strongly cumed tistally a cross - selection looks like the Formenhar Plattered praximily; it has a large heavy tubercle + a short their weck would in a blus pour which may be called the heal. Length (stranger deital and to center of tal): 1500 Breadth proximely : 1300 in distally = 310 Sterming The storming is inequally triangular in skafe, with the point downrad where in positions. It is composed of at least two subylased por. trans possibly near. In the center of the uffer postion there is a large oval afering. The center of the sternen

is qually thusberred + iterobale Some fastrainis rugere - the distatend us Aquare the actus surface is convey the me come of The second by arrivations for four rilez - housever this can this be determined exactly. Tenget y sterrum =1260 mil. = 1120 " Budite (aleur) Thickness in center -160 ... = 250 ". Jength of apening uffer half = 250" The stomach contained remains of a shark farer or five feet longt a great muchen of cuttofish-beales, togethis wills the parts of the body of serial large and-por. length ofburg: 111 21- 24 notch of fluber = 42 day 1-1/830 12- 478 smort to corner of morel = 510 2 - 1140 23 -125 perior shearts (crease) = 8-8 24 - 253 3 - 5-70 quater and , pury . breakly 25- 251 4 - 630 17 peules is 2/6/ 26-28 5-- 20 build of periode at phoken 24 - 108 6-810 weeting as 500 29 - 36 7 - 1255 33 - 40 12-470 34 - 200 13 - 605 35 - 222 15- - 75-0 41 - 240 16 - 5.2-0 43 - 7 17-1040 ns. of tweel ruft = 25. 18-148 19-78 Topograment to topog locare Jan = 140 1 20 - 81

Furback (Very young) no 38 & July 6-08 Kyugur B. C. This whale had not been blown up and consequently lang of the heray ender water all night. ierlich hauerdaut au durch the next day the while beaut & bely were almost completely Eater among hy sharks so that it was infamily to get color or external delails of This Color Topoghead bef side dank slater Edge og rathum right side is light gray Back & refler sides to dome times lands slatt - side of pedence from dosad bock toplebes is higher blue gray - and grays median line but never quite reading et. Tegramus danh slate like head-Right Ramus leglit blue gray as ig right chin to flubes white I de white gets nonrower & nammer in median live of it goes backward. The lave half of sides from fint ames white, On sides of thirst from conver of mouly hack bottoms of fernous are darky folds aublue white, Reit of furnous on breat & book are white like folde -Letis of pederale have same skurtlik markedp so were fourt are 20,34

Pertonale above grand color in some as hack-aut. edge white - above frie deaganaly streshed with fine lighter Been fin is cream white - and go proximally fine is level with light gray MIMILINIO Horrel Fin is just lebe no 34 (see plets) Tongue alere slave blue - helow dolmen color has the central postion. Flikes below, very light prink marbled with bluish - The tip dut & part. Edges are slate lined with septer corar for about Robert - white portion right via is 77 long priste a white Except very part part intere they are all light gray I unde leftrachus white - right slate This Furback was not blown up at all Osterlegy no 38 3 36x 15 pro ruby 1st. chevron small + not joined destally but complete - 2 nd. high - 3 nd a lette lower than 2 ml + 14 da + 5 de same height as 2 ml others get smaller gradually - there were 16 dievrano in Ut, Series quel

lasts like this in position Vestelia Cy \$7 15. \$ 15. Ca26 = 63 sine Spull Lugar straight = 311 Breakle (Squamaral): 15.5-Length straight = 306 1. ceremel = 3/5 24- 150 12 - 405-1=1360 25-- 15-2 134 - 450 26-16 2 = 560 15- - 650 29 - 70 16 - 360 3 - 2 4 2 28 - 26 4 - 326 17 -924 29 - 25. 5-225-18 - 167 30 -5-6 - 440 19-162 31 -17 7 - 990 20 - 36 37 - 13 1-63 21-27 38 -257 9 - 6 22 - 280 39-58 11 -3 23 - 70 41 - 130 42 - 21

Hungback Calf no 39-9 July 11-08- Kyrgust B.C.

Color Constructed white is strake an

midian live of throw + breast of fines - white

of the teture fines - many brange

white of its + careles an right ranner

perform these thousand to flusher
then top y hear there where to fine and park

they and donne fine is 86 july and park

length - work highery cremelated - Blubber

was fat Bruster by balan wasterdark

gray and portion of the warehydark

hand bushes bank e light gray langete 11 - 1.8 13-81 42 - 26 1-870 26 -18 12 - 235-43 -18 2-560 27 -65 13-258 3 - 198 3325 - 6 14-267 4 - 237 34 - 72 15-400 56 5-- 15-4 33--164 16-297 6 - 320 36-12 17 - 570 37 - 13 7 - 573 18-234 38-191 8 - 43 19-265 9 - 15-39 - 5-8 20 - 74 10-7 49-103 21-14

Sulphurbatton no 40 81 July 13-08 Kyrgunt B.C. a Right whole - top y hall to can don't slate from ear to flutes back + uffer sides all sold light blue gray - lawer sides from tip of pertonel land back to dorsal fin is light blue gray marked with darber gray-from darrel boch to ferber, the whole of the pedemolerexcept the very lop & bottom edges are soled light color-Below chine eigesthere to office age are slate like head - fram eye to navel a blue gray - the furrous of this part are marked with many dove colored markings. occarmonally a white once in thrown in the monthly down colored - Tols of loweredes come down + meet between and themes of holy; In a number of places where the markings are thickest on the folds, gust below

+ back of the hottoms of the funders are perita in spora. Pretoral Ift below white with a very few gray brown at insection then slate & destally white - aut. I fort. edges tool of distal third is whitish Flukes above colory federale marked with white lines - below slate like head with Dorsal fin Siles for whose length at base half-tip slate. I Peters Reglet above like legt - below white - on the proxime half in the median line in the milion have are turn large masses as e have well ramin have " the refper halves bluesh - white of lawer half slate Balean + raof formanth black - bristles wany think tongere blue-slate -28 hairs an syngshyses Tou left side Top of head - 18 sums to balen () The lobe of the pluses of the whale is a triangle the and - edge is straight to the forters slants rapidly toward the tip to meet the arthria 18/2 chevrone in serves - 4 th chevran begbers

Filmalment as high - 12 free dutiely to last chemin is 123 4 5- 67 F represent by only and laming and de right sale Cy D14 \$16 Ca 28 = 651 Sucre 14 pro. rules - the last short fair white is much and toese lacking fiches; the land pair of this whole were long. Shoul Length: 543 cent Bushih: 200 " Jan + transfer = 5:20 ... curred = 545 .. Scapala Typ Hught = 875' mil Breadth = 1380 4 " glund forsa : 3 20 mil Fugal acronion (median) = 440 "1 " (lower Edge) = 450" " coraced " = 180 " The supersofular border is plattered an the review portion + sips sharply porteredly to the glenned Edge. anteriorly the dip to the concomi Edge is gradual. The redges vadiating upward from the bottom on the inter surface are indistruct Except for one or two 1 The auter singua presents two quest concernities an either Six of a westical median rulge - here the scapula is so then that the light shows thru. The acromes projects downword slightly & is strongly curred mond. The corocord projects strongly inward + downward.

```
27-99
          11-23
 1-2225.
                   33 -13
          12 - 635-
 2-1030
                   34 -151
          13 -786
                   35-261(?)
 3 - 4651
          15--1008
 4 - 5-80
                   41 - 183
          21 - 19
 5- - 400
                   42 - 76
         22 - 467
 6 - 765.
         23 -114
 7-1690
          24 - 235-
 4-122
 9-18
          25 - 254
          26- 24
 10 - 10
Humpback Factus no 41 & July of Kyuguer M. C.
   matter was 46 feet lang.
 to know on seftrames of mandeble
   5' " right " " "
 The corners process of the scapula poeuls in -
 word. The thereway is convey on the senter der
 face a correage on the mus. acareful
 meserining the left pectoral This feeting yelled
  the following radius surprising formula
  metacampala 4
  phalanger I 2 II 6 III 3-11/2
 There measurers are inillimeters.
            13-6-15
1-18-40 ma
                     27-120
2-970
                     28 -40
            14-6519
                     29-36
3 - 360
            16 - 470
                     30 -10
4 - 455
            17-970
                     31-43
5 - 230
            19-4150
                     33 - 5-
4-610
            20 -110
                     34-110
7-1100
            21 - 35
8 - 95
                     35- 2551
            22 - 320
9- 29
                    41-180
10 - 15-
            23 -140
                    42 - 35-
            24-2750
11-1398
```

43 - 23

25-275-

no.43 & July 18-08 Kyrgust B.C. Lulphurbottom Colon Kol slate - books if for sides to feeles almost world higher blue - gray broken in any are an two places amale patcher by the darker gray - all the federale is. light color excepting a few darber markings near ventral line, many white pleche + stores on fields of siers of belly from inenavel white spot on navel - the while markings are mused with gray-only one or two reach the mid wentral line. Fin below white - above state with tor whole length of fin gray lived with white - in the central portion of the distal /3 the white book gredominates. 13-810. 1-2385-15-1050 2-10/0 3 - 5-10 21 - 19 4 - 635 27 - 116 5--460 42 - 39 6 - 805. 7-1810 8-128 9-13 10-11 11-1 12-650

no.44 of July 20-08 Kyugur B. C. Vulphurbattan Color Heal to eye light slate - eye to car amall fine spots of light - Ear to flesher back & reffer Sides almost hold light bluegray-andy a few darber markings - Throat light slate like head from fire insertion back are many dove colored marking on folds with now of their a white but (one artimo of these done colored are southers) The markings are folds seem to take 2 distinct areas - one from root of fin evenment & backward along reaching the median line the 2 wh from offenie the tip of the from folde to navel - spors so wer quite meet many of the period - There are many of the primate to formed to off named the Findale Tower sides of padernele are like raffer near ventral line - white patch on navel -Pectoral Right below is white - many bure gray markenys andre destal half adare all darks slate with a few of itre gray body markings. Til seems to have been ingred - it is very the narrow & charply relund . Teff fin is like right Flukes above light slate lake head finely evasted Plened with broken legler gray- port adge dark slate - Below flesher arewhite

so thinkly but with gray as to give the whole general offert as light gray - the partage is sold light blue gray - the tips of bouts loke have been injured or are irregular - look a this they had been cherred off. Darral fin is white at auterior base + sides - faritum back the white shades to grayish & then to slate at tap - the whole fin skid colors unlined med and - port length of loved is 78' (as _) elasely a can be determined) The light lines start on the very center of the and-Even Edge & sweep reproach & backward on either side fram the medianling Peris lengila = 188 Cercunque at base = 91 Fire creeses run and of corner of mouth Center of eye as 274 from automistions of fin - The End of the longest crease. Alich runs repan left ramus is 185. from anterior end by Eye 39-1205 15--1028 1-23250 41-214 2-1000 16 - 535-17 -1520 3 - 5-20 42 - 44 18 - 364 4-642 43 - 66 5- - 475 20 - fo 21 - 216-810 7-1790 22 - 540 8-137 24-265 26-275 9-22 10-10 27-118 11-1 33 - 19 12 -650 35-373 13-8001 38-500

by host to albernie B.C. while is in the center of Various do. Jenne I reached alberra in the evering it was necessary to stay all night their, & in the quanting in company with a going travelling sales. estance of 40 miles. The ride is are y the mand beautiful il have Ever taken. The road winds in a our among magn refrient fir toes which reach a height steerling meanwhile til near summit Take it is our 500 feet above sea lead. I readed namam at 815 find in the to catch the train for Victoria arriving there at 6.20p. m. after spending a few days getting my stuff packed t sluffing negatives + specimens to new Morle, & left Vedoria far Scotte au aug. 30 defent the day & many in leattle leaving at noon an ang 1 vi. Saluelay "Toty of Seatile" ener several college fellows with their weres mostly mining Engeners bound for alaska parts, t we formed a gilly facily. We touched at Prime Rupert B. C., Fair thrangel, alaka Ketechican, Petersbarruge, Douglass City Treadwell, & reached Juman at 9.70 an

found that the Street was in town & il soon found him. Un lumbed Together, & then ran over to I readerell in the land, where we had a charge to go there the favores ming works. The come give spening promounting out the The afternoon was half game when me returned, soil called on gov. Hoggas at four oclock. The governor is a very pleasant man, & after an hours call Il went back to the hotel, for denne. The Every him. Short tel your pleasant at the have of Judge Folsom of I en tunest mong at 3 1? h. ne left for the thaling station of the Fourth and of admirality dr. in murkains Care, The day was coel + rang ten the every a heavy tog settlet down . as usual a part of the engine leash & we were delought several hams when we were just fifty mes from the station. We mally got under way his had a hasty time as the went from the plealing ecebergs was criticing & ile rain o fog coll. Harvever after con sederable difficulty is got 4 thy statum at 18.30 P. M. + win sum.

haimega hunde. nosts timbock gang 8-08 Type alarka and Top of head, left sitt & back + afferielle to flickes is neutral ting - upper sides back as far the white of belly qualrebelly - The sites of the peanweld shake from the neutral time of the mid sound region saits a light grays with a shake of blueithair it Below while left side, from sumt to navel dark - the uffer partin of the left ride has both folds + furrous danh slate - the lower half to mid - ventral line has folds light late + furrous dark. The gray of The sales of the fetrack comes down faither of fathers lowered the mind tett is that from any to plubes only a Heaven hand of white two on thems wides with ing lift on the very mil mentral line. Fram mierten og fin & a land brokered, the white arms Extend downwand a backward toeshote of beely - next very distinct - a hand of the light gray of the sides, alrows three feet wede, runs from ocross belly the post. Edge of band is at navel - the band in the very certial him whitish - from morel to ans the beely is prese white - Right side Edge of rodown is blue gray grading and darke up to medean line, (har not so lack as on left side. This lighter slate extends boch as far as opposite upe - it then grades into the newtend time of the back. From corner of mouth to tip right rames is light bette gray the foles of are upfor harf of right sist blue gray + ferrows the -slate I the lower thank of right was has foras pure white & funans the flesh peinle. This white of the folds Extend way Perto back to the gray band acres belly in from Juavel Protosses Below white lined with fine blue gray in no regular patterin. above dark slate like head - and etge white .. Fluhar aleune color of back - below white in central furtion finely lived with bluids gray running and - find + energy mund like those on Suephine tail - both ant-toot. Edge + a lettle way toward center below is state blue Tange is light purple below & slate blue done durice det rames has upper half light gray & lawn half white -Baleen - Brisles of baleen are doly duty white white portion of right side is 93 long. The are 114 plates in white portion. Ralen Egue 19 from su Dorsal Fin is slate like bugh - dancele o parate tilmothers ! "Same kut - like markings on sides of

sedunde as on the other Furbooks. Extend chambers Bree by 351-300 13-530 1-1803-36 - 38 14-5-60 2 - 775-37 - 30 15-- 810 3-380 38 -370 16-420 4-465-39 - 80 17 -1200 5--330 19-181 40-3/2 6-600 20 - 53 41-162 7 - 1385. 21 - 37 42 - 32 43 - 72 23 - 89 greatest breatile and fint offlubre: 102 Begin white portion of balan row = 93 mutuflier in 2114 -16 10 -8 26 - 22 11 - 7 33 - 29 12 - 500 34-109 tength finitely to portment) = 141

hottle of ang 8-08 Finback Type alaska. Color Legtide top of head + back selvent + down to level of fin state or neutral tint back to does finis neutral Below left into from fin to mind out line has furrows all dork - from fin haef way to certaline folds are slate - rent of folds to mid-ventral line are white-the change from state to white on the field is gradual - From extend familiared reacherous (rame on boils eider) Right sale lip of head in light blush state gray which extends above to blowholes, backward to affaite Eart bournard to a little below ledd of rige - the edge or anterin postern of to down to down level of fin is neutral time like other sade - Rightramus is light blue

gray - throat breast + belly from med-vertraller to level with fin is white - furrows all dark from for half way to central live of body - rest of turious to center line are flesh color - il only dark folds on dies side are from for The whose gray of the upper side, comes down from to a line drown from tip office laid back to offende anne - below this line all is pure white - From ances back to theket the blug gray of the siles of pedunche comes down except just in median line. Pedurell + side has hurt tibe markeys. Flukes like head above - below all white except fornarrow margins og slate at Estimal Characters 21 what have in 2 menters rows an symplyone like an Inepherbottom share left side top of head from office. blow hole to smont - center of eye is 22 believed 100 16 = 4150 41-148 1-1700 16-4/5 42 - 26 2 - 795 17-1136 43 - 68 3 - 340 19-177 Length find lift to part week): 138 Depith witcher fleches: 16 4-420 20 - 50 5-- 304 6 - 5551 21 -351 8-49 23 -81 9-12 16 - 20 27 -82 10-9 11-2 28-40 29-40 12-470 30 - 5 13-600 31-24 15-76 3-3 -25

no.44 & aug.10 Type, alaska Fruback Color higher side top of head is light slate grading inte white an aut alge-light state whomextends back as for as offorte uge + down to eye; evel of fine the office that is all white is neutral or slate color - fun doesal to fluber top of promucle is some color - dides below level of from from its morteris back to outra is four white Mile bely - from rules book the side of the presumel and gray shading wer the white of the medean the - Right ranner white at tips, shading is state. Seven folds from fine commend are light slate + ferrows dank - rest of follo to mind ventral leve are white practly with dack furrows & fraitly white furrows -20 fests attogethefram fin down are dark. The arms of while are weel market Left ride has top of head neutral beho back rannes + leps neutral. The furrous of the Entere left sele to med ventral line are dark - Therteen folds from fine down are state - the remainder shade from state to prece white near cereter - while "arms " well marked. Many kurtlebe markeys ne sides + pederucle. Pertonal Feft below is white for the prajeruel of settal /3 (Except and edge) is dash gray lived

And the Later to the confidence of the

73-94

no48 Humpbock & any 11-08 / yee alarka They whole contained a facture 157 long tolor 1 of oghest back sids + telly black - beely has a few fine white specks - sides of thereat & break black- in median line there are streaks + splashes of white running to a arely back of few - the rame of to between form as in others - a few circles on ching - bys rannes - Heiles below black at ensenting + rest white fleched + lotted will whate. 13-365-1-1410 14 - 390 3 - 340 31-32 13- - 5.73. 5 - 270 33 - 7 19-429 6 - 535 34-126 20-114 7 - 930 21-25 36-18 8 - 63 37 -34 23-104 9 - 17 43-26 10 - 9 24 - 23 11 -.03 Depth witch of flubes = 26 28 - 59 12 - 340 19 - 59 no 49 Furback of any 14-04 liger alaska

Tolor Riber Typy had refer sies, and eight of color Riber Typy had refer sies, and eight of as far as blowh ere tack would to office can to them downwant to the region uncleably done first trivelier length of dark (neutral time) runs found to and of dark (neutral time) runs found downed region to eye - all back to upper sideato the land of first as far back as tip of fin (land back) are rented time.

partinosly Right site has upper half of

olde very light grag som harf pers white

funous are french Flacks below white - post colge (narrow) multiple anterior colge shaded with higher gray - Baleen-bustos white except posterior portrain where they are gray Portof month light prick -15 pers. Rebs land posteriory to the 2nd which is high - et ile is highest of the serve dramter of throat at Simallow is 19 Fin lift to fast meser.

ion = 12 9

funth white portering

helen = 121 28-44 12-428 1-1660 29 -39 13 - 565 3-365 30 - 6 15-- 705-4 - 453 31-23 16 - 430 5-318 38-378 6-570 17-1070 39-74 7 -1290 18-214 8-88 40-369 20 - 49 9-13 42 - 24 month closed wat is Expert 23 - 70 10-9.5 27 - 89 43 - 74

nos! Finback & aug 19-08 Type, alaska
Colon-Rostrum right side + right rown fri

(profunally) + side of back to of lips of findland
back) is light gray - The narrow bank rules

from mid-dankal region found + downwhite distally shading with before last last profus

profunally - between finesthe 127 fire folds pright

tide are light gray + rest are white - 10 furrown

are slate between finesthe prior to mid wented

him are pedered - from corner of month to fine (rightside) & folds are blue gray shading into white home down - the two anders on prolongations of light gray come down her du hide - the hight gray of the feduch on both sides comes town to washing 45 of Each ather afforite and for as tip of fin (laid back) is left neutral-what of back to fluches gray stading with the light gray of the state - pedulucle is count with the hard-life in arkings fig rame of kufferhalf side of throat is light neutral - Eleven folds left side, below fin are gray + 18 furious dochrest of folds white I furnous fleshcolored - from sympayers the same muches, but are take than others Pectoral right distally is what slate & prox madly light gray like right side rastriling Below got praghinally white shaded with Donne findet grant (sie anguing) Fluber below for proximal of one while except far the state sharging become under in the dutal parties wholly excluding the white in the distal /3 mater & the tip is I darker than all -

Balen - builles are soldwhite except in posturi partian where they are grayers Ege fufil-2 cent, mi diameter Hais 23 white hais and you flypes 26- 76 41-160 11-4 1-175-3-27-89 -42 - 39 12-4951 2 - 8 30 28 - 43 43 - 12 13 - 6151 3 - 355 Lugite fines should = 106 29 - 40 15--820 4 - 440 " while food of baleen; & 30-4 16 - 406 5- 325-93 flates in " "" 17-1200 31 -30 6-2180 18-234 33 - 30 Dipith world = 19 7-1360 Eunithbegung of 34-51 19-206 8-86 20 - 475 halem > 16 35-325 9-24 21 - 26 Fin (Det port, menting : 161 10-10 no 52 Findack of ang 19-05 1 yes, alaska. Color Right side rotatum + uppersules to flukes are light gray - mid-donsal region to fluber is neutral time a namou dire of neutral runs from mid-doubt region appoints base of fin forward t downward to age - uffer surface of right findensem de light gray of the reffer sies comes sown to a elever with the fint shales off into the white of the Lower parts I from who to flukes the light gray comes down further fourther toward the went ventral line Right names white distal half thading unto light blush gray properually - fro corner of mouth to find 18 felse state of 20 funns

between fin all folds are white of so ferrous dark- from intertion offin 4 at by the two darhames are well marked Lift rannes + uffer half of throat is neutral 12 doub foeds better meetin of left find corner of mouth - all folds below for are white meanly allflumous to midvertrol his and dark - & Donolpin is neutral trut & has partmargin at Rose notcled like no. 14 Musufacts of whole all white t femma flech-coloud External Characters - 4/1 white hairs of upuflying 8 on right ramus about 10 miles afait of fallering emply have - 11 hais right sede top of headon du low redge betun Edge of rastrent median line - They let has an thicker just brail blowble. The folds an itre thuat are 34 mil, india moder of between free 42 mil. ; ten francist navel 70 mil. nave in 22 cent, long than left rames 36-39 24-95 11-7 1-1860 37-28 26-18 12-5/51 3 - 3851 41-170 13 - 535 27-89 4-474 43-74 28-50 14-570 5-342 Temple sexual outel = 110 30 - 7 15-860 6 -628 Les el from the of a land 31-28 16-420 7-1450 33 - 22 17-12451 8 -- 89 34-130 19- 209 9-16 35-3451 10-10 21 -36

no 53 timbrach of any 20-08 lyer alaska Color Right side rostour & offer sides ineleding fin gray - back (medican line) is light neutral - Reptiranus a very light gray (almost whate) Francourer of mouth to meretion of fin, mine folds an light gray + 16 femous as elate - between first mid wented line four told are grang + 16 fermous an slate - reid of felds to mid-ventral lime are white to Funero feede colon-Tel rames neutral & uffer half of throt - Jeds & below frutemedian mentre leve all white of all furnous and dark Except fire of med ventrag line. The word kent like" markings are very plentigue all aren the suder of their whole Great palches of brown shine all over show for - the slive would give the impression of being proment, was it is speed is every over the hody however the ejandemia peels off & below the feratlayer the usual gray color - To be found Pectaral Right above hight gray + below white shaded with gray Thebes below in certial region are white - a narrow margin + the distal /3 of pluber are state - above flubes are sentral. Snows hashen

before recorded on x b 1-17030 Lugita white portion 11-3 29-45-30 -51 2-760 12 - 475. of balen row = 851 31-28 3-360 13 -615-33 - 20 4-4551 15--790 35 - 3751 5-- 325 16-403 38- 365-6-570 17-1160 39 - 85 8-95. 21- 39 41 -155-9-18 27 - 90 42 - 35-10-8 78 - 45. 43-60

no 5'4 Humpback of aug 20-08 Type alaska contained a facture about 12 meters long this was taken low Bach, top of head & rides black - belly is black rave for a few white pecks along Edges of folds - Left rames has only and arthur ences almost the it - a few large encles & dasher an de sales of the stanteroly cuttes & doshes in median In of chin throat & breant to fectorals The usual white of it of faith factories turnedian lite of breast dies while spot her mosely in the two funous his I very district Pectorals left above black worth fores with a normal's margin of black zand wide - a little black at tip also.

thebes below on black with a few narrow markings + bars of white - above blacknoteh will & shallow Baleen - breatles have bare o lips higher brown posteristy - antendy the tips are disty groy as is central fartisin Externe Characters anterior inserten of fine in 125 behand corner of mouth " " " " 117 " Eye " " " " 56 " Ear The car is in a direct live from the post-Erion come of eye to the auterior ulertain Haris 27 hais on top of sepuplyus - 14 tal archeson left rames all bearing han - 20 on left side top of head (court. ing center live) + all bear have (In the center row of buteles from blowhole to tip of snout there are 25 The sestance between the tip of eter sucuit or the tip of the lower jour is great, but neither seem to have been bryund - the chin is promisent Folds on thirst are gomil, wide; 140 mil. between fine; 170 mil wide in front of navel. The funous are 4 cent, dep. Donal for is black

The pectaral fine of the 2 nd known is 19 m The winds roof of mounts is, very light purple-have is slate blue. I There are a few of the knot like mark-The jectoral fin of the whole was Extended at right angles to the body as measurents of length from by trans . Tfert. enberlians are Ex-23 - 1/5 11-05 1-1345 43- 20 27-110 12-312 1-800 greatest brodets of 33 - 9 13 - 348 34-80 3-340 14-362 fluber (aut-for ?): /30 4 - 4051 35-232 15-540 Fengle of fine wife to 34-20 5-- 2750 16-428 post. inert : 390 37-30 6-5-18 17-85-0 7-9050 38-345-19-420 8-66 39-80 20 - 105 9 - 27 41-122 11-24 10-8

no. 55 Finbook & aug. 21-of Type alaska.

Top side rostrium + mit donnal region as for as tip of fin (land book) neutral triot rest of mid donnal region to flut triot rest of mid donnal region to flut tripper sides to afform the donnal firm are light neutral - Sides of pedemels from donnal to flutes is light gray of the sides slands black of the light gray of the sides slands black of the light gray of the sides slands

arms to flukes - offonte arms the gray of the sules are repaired in the west with by the while - solu . Trues o Esual où dide -Left not has all funcions to mid wentral live danh slate - go the first le folds totues below fin husertion are slote ment white anders ride to midwented here - from symplysis to fine 13 folds are darts - the arms of light color flow meeting & tip of fin are well marked - the left rainers + wiffer hay. of therat are resulted. Right in restreens light gray to offorite Ear-renianing portrain of influenced in-clusing film to appoint top of fin bland bank) it gray - wir of bank & upper site left. Reger ramus white Excepting postinolywhen it is very light grag- 14 funns av slaternert flish-colored furt four folds below fin aredork - 8 folds betime comer + muits Flutes white in central portion having hatte margues slate + tip also slate ahare like head -Pectorals above left is light neutral Below Brutler antereorly are four white

17-12450

the much of is things with grayeshof the mouth is white tinger with light Hanis 27 an symplyis in which rows many of the kurthe markings an pedunce 43-62 23-85 11-4 1- 4810 is 96 length of doesd 27-98 12-490 2-745 28-451 13-605regels fin life to poster 3-400 30-6 15-- 780 4-490 31-30 16-406 5- 340 of baleen = 108 33 - 20 6 - 635. 17-1175-34-175-7-1400 19-190 35-1850 8-92 20 - 55-41-178 9 - 15-21 - 40 42- 37 10-12

no. 56 Finback & aug. 21-08 Type alaska (Partly flewel)
color Right roulius why eight gray who
anteriorly - 11 dank foods between fin to 1-1870 og monte sægspink. 3 - 405. 19-212 5-370 20-5151 6-650 23 - 951 8 - 89 28-49 10-10 42 -44 greatest bushthof fluber - 1/2 12 - 5.00 Length fin with to post ment = 1850 13 -600 15 - 848 16 - 550 (?)

no. 5.7 Finhack of ang 22-08 Type alaska. Coen Right rannes light gray - folds between fin white - 19 dark furnous - a dark Male 11-8 42-63 27- 75-1-1815-12-514 43 - 50 28 - 50 2-780 13 - 540 Fritz to port. 29 - 47 3 - 3-90 14-575meeting 160 30 - 6 4-480 15-838 31 - 30 5-335-16 - 460 33 - 20 6-610 17-1210 36 - 38 7-1365 19- 195 37- 25 8-85-20 - 53 38 - 375 9-19 21 -38 39 - 80 10-10 23 -89 41 - 170

Color Fift side nothern + mid - dornal regions to peubes light mentral - uffer sides a live lighter - Feftrances dark thate as it the afterne uffer fortion of the side - 20 ferrous dock from fin to mid-ventral liver to remain 13 are feestire coloned - 7 folds between fin are dark - rest state white - the arms of dark color and weelmarked from ams vocts the Lower toward mid-ventral line-Flutis below have only norrow margens of state to central part being from white Pactorials Sept below white - only a

live	grayie	ortifo-	about fur is
neutro	6 .		
1-1770	11-10	27-80	
3 - 360	12-5-20	28-37	41-160
4-440	13-560	29-40	42-32
5-315-	14-570	30-5-	
6-587	16-420	'33 - 20	Finding to pert meet : 120
7-1345	17-1190	34-100	*
8- 82	21-30	35290	
9-13	23-83	34 - 37	

172 That we have with us today the largest manual that Ever Existed on the Earth on in its waters is beliafes to most yours a fact und knowing not drive the largest of the grant reftiles the Duranes, which afrankel along thereely borders of inland seas the thousand years ago, costed match the colonal me buch of a suffered whole great numbers of I wholeave taken one both crouts of hour anerea. although for more than a geograndes has been worm lines the sea - your gournes of the maraline grationes of the world Lowely their habits & efective relate cet is believed that whoes delanged from land manners, for from sending of functions of life they tur bran ou close te referenca de es yet from what fratewear group they manuel de cart won der their bring fourth their young alive, nune them by from a Sourcheable time with right while mich from then own Johies, and bush an by neare of lyings. Then a whole cours The Surface his first act is to appell the air from his longs

173 + tabe a fresh inspersion, This aires satmated with water waponer at a high temperature, which when it stills the dock affer atmosphere endure at once Johnny a column of steam helpt the has author Free animal actually should water from its In in the call water incepieled waler pretite for them wirely they the sking perh with a think layer of fat an "tuller", which acting as a the acception of the amount annie heat by the water i On the fit whiles philader is very thick whiter in the new pa wil Leguert warmer waters the the the its correspondingly thinner The photos of the world are switch etatus gest value groups vis; there harry texte, there without leath the torshed who There & Little est group of which the spens where is ale Edantyle, board long been hunted for the oil + valuable plum

174 aceli which along youl; There of the secure any back with the place of the court the wholeware" and continerse. They whole hore in series in length from to furty to twee feet in different Species the It or more than a trousant years the eaghture of Right whoes, those yelling the langest wholehome + the greatent amult of ail has been on inhertant adoupation with built European & almon whoever, but till conferation recent the inghts the industry aftered to the Taking of the Propuls them wholes with what come while the + thing relieber. There where were tollowed in a small broat, langrowed + free o with the hand lander cet was at best a dangerors occupation, t shiel & comage were required in ils proseculida, thus drawing to its ranks the bert of most a & d vertinger reamen, Hower with the gradule aftermation of Right wholes of the dimension In the numbers of Epens, attent ion was turned to the Planquale though

factory of tower in to the wholing to a while a continue rount of surprise. From the time to the in- a first of the whole with the continue of the time the first of the stands there is the side of the case of the side of the case of the grant cases of the grant cases.

Creating perhaps 70 or 80 low is harribed

176 is almost incredible. The further Three the kentines of the Pacific wholing Com Victoria D.C. + Alla Tyre the of The dear the witer had Risely is a long steering at a gentle stre to the water elge, on this by the did of the a straw which the Bale is have get, tall first about lefor the tacker have been backer The great bry is plating, The "Level" are et work die hill longalong the back pouling & heart, atable is fiture to the gut of a stip, the words is status of really the grant page of thether is stripped from the ahiwell site, leaving the place exposed. when one side has him flerand, the body is turned, & de other the remaining blubber remodet the entrals taken out. Then the willies is hauled to the careans platform" where The meat is nemotical the bleletin diaanticulated, of the bones clurch un Jucis not a particle of the country goes the maste - the believe is "trigant for the rie, the meant tomes are bailed for the

177 game purpose & them ground up & duel, making grand or flettyer I Even the blood is sand t died for fertilizer of the water we which the blubber is hard toles in makes excellent glue. So like the promobial borg of the Olicogo stock yalls, wit Eventte where only the squal is tout is the Tolk of the kingly mounter of the herrid Thoughted old time pursues with melafafamatofu peculiarly the our, and all to the The tende site in mount of waiting the home + refer alien the without when the great purplish body rounds up right will films the best of run girlick, alle toplins of alioghing with the asphera for they fre why how in work of the figh agel will me that better sport down from be wirled, never afficient the control of the contr

178 That we have with us today the largest mamual that ever exerted an the Earth as in its waters is panlips to most of Langert of the Dison The refit to the Dison The Langert T it alantily The hew familiand to howey at while to along hole wort, of the hout anound Krich waris of hurer angues. history of the ment of the nations is note trong their habits & specific relationships are only beginning to be known, with the ferring of the harfacon gent & modern predicts beginning the whole work and aloning the the the thirt the thirt withday such as some of our lagert museur are auropen to du joir that there is immelia dangel of their nace of great manners

179 with there of the history bying human That arther for a may make + mit a fish has been prime spence The him Thereso Fernices the quet systemated What the of the Systems palmi clas what there as neith Howen few perfect arge that altho awhole and inthe warm, it yet bunters air by meders of lungs & must carrette the surjour to a desdringe the air from its lungs t take a full stirsperation of any land marine would do it per in the water. The When a whole comes to the sent one of the It's few act is to dushange the are from ets lupys + take a for insperien as a land manual want do under lele enemetances. This air is satured with water unpow at a high temperating a when his strikes the cold offer an immed of steam of spray elled is called the spart thut it that the replessift in given that he andimal recely blows water françost its storling

180 That a whale is a manufact not a full has been know some the time of Firmous the great regition that, the Thou many of no realife that its life & functions are carried on much as muty animalo which him an land. They aying an born aline, & amond with fill while The blook of the where is warmed they Lich white much fram the mothers body. The whole bleathers are by means of lings, which in executed should are like there of a have an cow these bet the surface + when below the senface must hell its buils or drown. toler a whole comes to the surface its fint act is to expel the aritime its lungs & take a faish empuration. They are to saturated with water soopen at a high temperating which when in strikes the cold reffer air conductes at once, formen a column of steams a spray. This spout has fire that a whole hours in the from and its mortiles, which was tohers at is believed that whoers arginally for in structure + functions of life

the ter are very similar particular ging 181 are present of ever the rediments of the f him him are from in Sin the amen't of the harfron Formany years du whale has accupiel an important place Come sea-faring nations, that Enter advent of the harpoon grant interest meeters of Eaptime of its are & whole have have heel word, for centuris, but sur the advent of the harpoon gun who to become agent industing our the coasts of nouls anneries. In Su old days of the bank laws harforn & lawer Sence the beginning of the century Vous have accupied an important place in the continued would but well the abvent of the harfore gun to the speins which youlded the Greatest and to of these freducts edget fured from from Sarilar

182 water avenuit the archecule. New wish the advent of the of the species with themer blubbe & cloans wholehone were not anderted. Howevery the advent of the harpor gun + inspend nothed of after there latter varieties, namely the Fubrerers Howohboeks & Sulflinfollows are taken his gratminhors y are being ruthlerdy shot went camera valady, he must be listates for the mustered Palapara Har it is the best always happing, Prihaps with fur at sound of warning a Humpbook with them hunself clear to of the water, or though open this great mouth almost of the werbels how, forget maybe in front, or other wither sides but you may always he sure war it will come you least reflectify never wiel I forget are money in Early may when I was arrobered my a kurch at the don't de voice

183 of devotilman saying it's fun o'clock six, of the shale is newfor of it was sury of bed in an instant of hilling on my hip works almost before it was fully

measurements of wholes taken at Type alaska during 1908 - The whales were measured in a straight him they were drawn and andership. The measurements were fremulal me by her Victor H. Street, manages of the station markle 7 Finback of = 64 feet " 9 = 62 = 63 " 28 " Contained a fortes 21" = 65april 14 = 69 " 9 may 4 264 11 /3 = 5-8 " 16 = 67 Humpbock = 41 " 15 = 38 " 19 = 60 = 60 = 67 = 48 = 48 = 5.8 Fruback 1129 = 60 1. 3 = 63 11 30 : 63 " 7 = 62 11 6 11 11 = 59 "31 11 9 2.59 9999 .. = 63 4 " = 60 June 1

June 2-08 Fulack & = 67 feet 6 inches 0 .. 3 .. 9 = 68 .. 8 " contained foeting " 3 " 9 = 60 " " Humpbock 9 = 48 " 4 " 11 6 2 " contained fater 4 ft. 6 in " Fruback 9: " 8 . Hurpback of : 44 .. 11/1/13 9 = 38 " 4 " "Finback 9 = .. 151 7 : 53 .. 10 " 19 9 : 62 "123 " .. 9 : 63 .. 3 "
"23 " .. 9 : 59 .. 6 .. 9 = 49 .. 7 Humpback Faulonck 1129 8 : 63 .. 90 = 67 .. 9:63 .. 25 : 63 " 6 " : 39 " 9 "10. Turback = 60 " 4" 7: 66 " 71: . 63 " 7: 60 " 20" 13/1. 10 Andes _4+ 20 48 " d1 = 60 " 2 wishes 11 /51 . .. d = 40 " 11 11 11 = 60 11 10. 11 11 69 " 18 . . 59 11 H 44 43 .44 " 20 44

July 20	Humpback	? = 42 feet 10 miles
0 21	Finback	
		Q = 70 " 37 = 59 " 7 "
ti ec		9 = 64 " 5" "
25		to = 69 "
te ac		7 : 67 3
14 (6		
11 30	• (9 = 64 "
	**	8 : 61 " 7 "
aug 1	(1	7:59 11 5- 11
7		2 = 63
		8 : 63 A 9 "
		8 = 64 " 4 "
		9 = 64 " 7 "
" 4	1	2:65
41 5-		7 = 61 " 4 "
		? = 63 7
"		

194 Suefhubolter Sheletas measurements of speamen prepared by Mr. S. C. Ruches at Kyugust + now being exhibited by Mr. Glos Larryly & coat Undowa Lugar 79 ft. 6 in. to tip of lawn jangung notile over boch. The following date m. Ruck gave we & as he prepared the shalatan mont con. fully it as undoubtedly correct. Rules The specimen had 15- for rules left side + 16 right side - the 16th was very short + of course readmentary Virtue Cy 15- \$15 Ca 26 = 63 manue 4 mitacarpals I III (Eurey correct: Duck) The mana of the whale were lost a fire of the station do a pair rom smitherschale were rechsteluted. This whale had the following To ITy III I (surrey correct; buch) The riting of their whole were tember on one or two places is another 825 were sculistifuled. This what had 16 pr. oxul the last frais were long mit terms reducelitary.

as the shelden is now exhibited it is as follows: Everythy is from the original whale yest - the riles - the pleadaugh the cherrons, & the pelvice bours. Skuer (& tirk the meanity myself)

from the cleaned sheldon sen Readity (agramonal) greatest = 290 Lugale rostum (from proximal End of maxella) Etraight = = 5,00 = 35. Length masals (medians) " (cured) = 2,80 : 575. Depiter " at center
" coronois (strayler)
Wildels orbital proces of fraulals:
" of Equanional = 45, . 80 30 = 120 " of rostrum at meddle Stranger: 170 Depth of sheel vertex to lower edgery Ecopula Height = 91 Breakly 150 Lugils a crompleaver telge) = 251 Breakly g. fine telge) = 251 Breakly g. fine 35, Ference sheleton (as mounted) = 2370 fradel ulua distally: 24 Length humans: 68 Fenget 1 st rik: 150 staglet " " (curred): 170 Breadile " " (distally): 18

196 Kyrton July 16-08 Hemplook of Length = 46 feet. Chemons = 10 - 12 + last small + fredritally + 3 rd highest of series. Cy D14 F12 Ca19 = 5-2 5-1 The last very small cardel which is frequency found is represented in This where only by a wars of contrage containing no assigned whatever This whale contained a & facture no. 41 cities was 154 cerit. long. Hydraft eg 16-08 Herreftrack & Length = 1260 Kyrgust 16-08 Herrylooch or Lengite = 1380 On July 17 th at Sechant a q Humphach contained 2 foetal wholes each about 18 males long In proverced muse are tur foctal Humphacks about finders long which were taken from the same nother at Lechart in 1907 Herosphack of July 23-08 Kyrgunt, B. C. " . Herapola 12 90 Hungback & July 23-08 Kyugent B.C. Fengel = 1350 Cy DIH ZII Ca 21 Sure Then are to chevering

the 3 rd is highert of series. Let very small

the editally - 2 nd has a histined harmon

should the small larger than 1 nt.

Ith rub is single healed - 2 nd has large

tubercle + short their reck + head - 3 rd

has large tubercle to long nech + head
tha larger tay the lot - 4 its has much

4 head + large tubercle about sige of

no 2. Gel other rubs are sengle headed

becamy thank + broke as day go

book

3 0 6 larmond of palear on one

8 del -

July 24-08 Humpbooch & Kyrynet, B.C.

Jengel 21220

Bruntes all June white Except

for one as two litets light groy patches

at base D. fin is 30 high + is on

a promise hump- wests edges

are white

ang. 8 Type, alaska Finback

Jengol = 59 ft 11 inches

ang 10 Fyre alaska Finback Length = 61 ft. 10 in

"" + 2 ft. 2"

On any 1th a finback whole was taken at Type alasha which had a great franch for the heaving averaged along fruites with the start and 3/2 to 4 blos. Of the fish. The start al also contained a few of the share of also contained a few of the share problem, which is their was taken, my that when a start is in the first case of a truback that is the first case of a truback containing that you say that they has containing the Jamy sout, that

of due balue in a Finbach Whole of found the plates to be 1/2 ind apart - There was practicely no waristion, all the blates (exert the very anterior of posterior area) being the Same distance apart

200 Caft. g. a. Huff. Rose Haven morsbyds.
H Que Charlotte Wm. C. Bridle 78 Reche St.

There your not not your nity

Clear webste W.F Osbonne Hotel margre

De Hunting 201 P.M. Curling 83 Scandale Ene. mal Je Roy Robinsons of mare sweeper co newark n. f. Sanchest Eve. Jo m. Herbert Sherwood n. y. Tribure (Sentay) (3 flitter.) 3 pers wight (4 preti-) Harvey & Outerbudge 11 B. way

Kenneth Fowler Esther Tobbins, of *, Fueton market new Hork Nobbinsdale. Brane * Bonling Rosen 15-3 and 2 meters to Humphal for largely 1.2 5) dimen of 1410 cents . This should be sell to measured at Feelant Br. W. N. Ofeland 0400 438 8. 40 dare #28 Fourt Home Oak Pash 100les to pupi pay tation which may national Ph Gern. na. Seene book & Capt Hebbert " about Reilus " " I popula to Kennell boto rig. 6 few?

peden Lumber for horing Enefluction Efelition 1 Rough 2000 ful 3 x 12 200 1 3 x 6 E ... " 1000 " 1 X 12 400 " 2X 4 50 lbs 6" mails 500 4 12/2" " Far Kungbroch speletin get 1350 FT 2X12 R 515-0 " 2x6 1000 ft 1×12 400 " 1×6 nails as aleve about 30 bblo. of oil from a Frieback This wielules blubber, ment x 42 gal = 126. 340 lbq.=1 " have one. a Hungbook taken af Tyse alaska had a great many small bod fish in is slating the largest being about 16 miches lang. This statement I wentered from service persons who saw the whole,

